

OHIO PUBLIC WORKS COMMISSION

77 South High Street - 16th Floor
Columbus, OH 43266

APPLICATION for PROJECT SUPPORT

CB/103

CB/103

OPWC Use Only					
Application ID Number			Project ID Number		
<div style="text-align: center;">Date Received</div> <div style="display: flex; justify-content: space-around;"> MODAYYR </div>			<div style="text-align: center;">Date Received</div> <div style="display: flex; justify-content: space-around;"> MODAYYR </div>		
Amount Requested \$			Amount Approved \$		

SECTION 1 - APPLICANT INFORMATION

1.1 LEGAL APPLICANT/RECIPIENT: Name <u>Village of Indian Hill</u> Organization <u>City Government</u> Address <u>6525 Drake Road</u> City & Zip <u>Cincinnati, Ohio 45243</u> 1.2 DATE SUBMITTED: <div style="display: flex; justify-content: space-around; margin-top: 5px;"> MO <u>6</u> DAY <u>22</u> YR <u>89</u> </div>	1.3 CONTACT: Name <u>James D. Jester</u> Title <u>Village Manager</u> Address <u>6525 Drake Road</u> <u>Cincinnati, Ohio 45243</u> Phone <u>(513) 561-6500</u>
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SECTION 2 - PROJECT INFORMATION

2.1 TITLE OF PROJECT: <u>Loveland-Madeira Road Bridge (INH-0154) Replacement</u>						
2.2 BRIEF DESCRIPTION : Remove exist. beams, deck & railings. Replace with prestress conc. box beams. Repair exist. abutments & pier caps. Resurface with asphalt conc. pavement. Length = 82 ft. width = 44 ft. Built 1921 (67 yrs.). Two Span.			2.3 LOCATION (include area and population affected) <div style="text-align: center; padding-top: 20px;">SEE ATTACHED SHEET</div>			
2.4 PROJECT TYPE: Road Bridge Water Supply Wastewater Treatment Facility Sanitary System Solid Waste Disposal Facility Stormwater System Flood Control System Other (Explain)	----- Estimated Costs in Appropriate Column(s), \$ -----					
	Replacement	Repair	Expansion	New	Other (Expl.)	
	235,000					
2.5 PROJECT STATUS AND SCHEDULE						
Preliminary Design Detailed Design and Bid Documents Site Related Construction Bid Process Construction			<div style="text-align: center;">Estimated Start Date</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">Completed</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">7-01-89</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">N/A</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">10-01-89</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">11-01-89</div> <div style="width: 45%;"></div> </div>		<div style="text-align: center;">Estimated Completion Date</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">Completed</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">10-01-89</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">N/A</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">11-01-89</div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">3-01-90</div> <div style="width: 45%;"></div> </div>	

Appn. No.

Project No.

SECTION 3 - FUNDING INFORMATION

3.1 ESTIMATED COST: *Already Paid By Indian Hill

Administrative and Legal	\$ In House	Construction	\$ 190,000
Preliminary Engineering	10,000*	Equipment and Facilities	N/A
Site Related	N/A	Contingencies (Constr.)	10,000
Construction Engineering	15,000	Other (Explain) (Inspect..)	10,000
		TOTAL	235,000

3.2 PROPOSED FUNDING: **Construction Cost (Plus Contingencies) Only

Category	Amount	Percent
Federal/State	\$	
State only		
Local		
Other (explain)		
OPWC		
Operating Funds	135,000	50* +
**Issue #2	100,000	Engineering 50*

3.3 OPWC ASSISTANCE REQUESTED

Grant (100% of funds in years 1 and 2)	\$ 100,000
Loan (Beginning in year 3)	
Debt Support (Beginning in year 3)	
Credit Enhancement (Beginning in year 3)	

3.4 TYPE OF OPWC FUNDS:

<input checked="" type="checkbox"/> District
<input type="checkbox"/> Emergency
<input type="checkbox"/> Small Government
<input type="checkbox"/> Water/Sewer Rotary

3.5 DESCRIPTION OF APPLICANT'S EFFORTS AND ABILITY TO ASSIST IN FINANCING THE PROJECT: Indian Hill has performed and paid for Preliminary Engineering (10,000). All other Engineering, Inspection, Administrative and Legal to be paid for by Indian Hill at 100% (\$25,000). Construction plus contingencies to be paid for by Indian Hill at 50% (\$100,000) have been appropriated and are available to begin project. Issue #2 funding at 50% (\$100,000) assistance for construction requested.

SECTION 4 - APPLICANT CERTIFICATION

4.1 The Applicant Certifies that:

"To the best of my knowledge and belief, data in this application are true and correct, an inventory and a five-year plan of capital improvement needs and priorities has been completed in compliance with R.C. 164.06(C), the documents have been duly authorized by the governing body of the applicant, and the applicant will comply with required assurances including minority hiring, Buy Ohio, prevailing wage, and other assurances provided by law."

Certifying Representative:

(Type name and title)

James D. Jester

Manager, Village of Indian Hill

Signature:

James D. Jester

Date Signed

6-22-89

SECTION 5 - DISTRICT COMMITTEE CERTIFICATION

5.1 The District Integrating Committee for District Number ____ Certifies that:

The Committee has selected this request for assistance to be submitted to the Director, OPWC, with specific consideration having been given to infrastructure repair and replacement needs of the district, age and condition of the system, ability to generate revenue, importance of project to health and safety, local ability to finance, availability of federal or other funds, adequacy of planning for project, adequacy of a 5-year infrastructure plan by the subdivision, project cost, and allocation limits of District (Secs. 164.05 and 164.06 B of ORC), and, if requested by Director, OPWC, the District will provide within 5 days evidence satisfactory to the Director that the foregoing considerations have been made.

Certifying Representative:

(Type name and title)

DONALD C. SCHRAMM, P.E.-P.S.

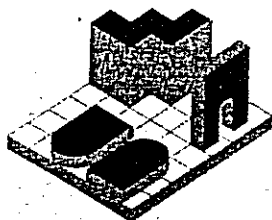
CHAIRMAN

Signature:

Donald C. Schramm

Date Signed

July 12, 1989



Savage Walker &
Associates, Inc.

■ Engineers
■ Surveyors
■ Architects
■ Planners
■ Construction Managers

10880 Indeco Drive
Cincinnati, Ohio
45241-2959

(513) 793-7400
FAX (513) 793-7431

June 22, 1989

Mr. Randall F. Howard
Director, Ohio Public
Works Commission
77 South High Street
Suite 1629
Columbus, Ohio 43266

Re: Village of Indian Hill, Ohio
Loveland-Madeira Road Bridge
(INH-0154) Replacement
Engineer's Estimate

Dear Mr. Howard:

In accordance with Section 164-1-16 of the Ohio Administration Rules for Implementation of Issue 2 Infrastructure Financing Program, I hereby certify that the following Engineer's Estimate (attached) for the Loveland-Madeira Road Bridge (INH-0154) Replacement has been determined in accordance with generally accepted construction cost and practices within the State of Ohio taking into account the specific climate and other environmental conditions of the infrastructure's site including prevailing wage requirements and other state/local requirements.

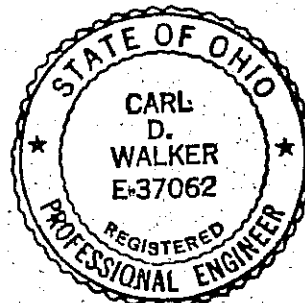
Sincerely,
SAVAGE, WALKER & ASSOC., INC.

Carl D. Walker

Carl D. Walker, P.E.
Village Engineer

CDW/art

Attachment: (Estimate)



ENGINEER'S ESTIMATE

FOR

LOVELAND/MADEIRA ROAD BRIDGE (INH-0154) REPLACEMENT
VILLAGE OF INDIAN HILL
HAMILTON COUNTY, OHIO

PAY ITEM NO.	SPEC NO.	DESCRIPTION	UNIT	EST'D. QUANT.	UNIT PRICE BID			ESTIMATED COST
					LABOR	MATERIAL	COMBINED	
1	202	Reinforced Concrete Railing Removed	L.F.	165			10.00	1,650.00
2	202	Reinforced Concrete Deck Removed Including Asphalt Overlay	S.Y.	410			55.00	22,550.00
3	202	Reinforced Concrete Beams Removed	Ea.	9			1,200.00	10,800.00
4	202	Portions of Reinforced Concrete Structures Removed (Abutments & Pier)	C.Y.	35			60.00	2,100.00
5	403	Asphalt Concrete	C.Y.	15			100.00	1,500.00
6	404	Asphalt Concrete	C.Y.	30			100.00	3,000.00
7	509	Reinforcing Steel	Lbs.	1,500			1.00	1,500.00
8	510	Dowel Holes	Ea.	44			15.00	660.00
9	511	Class C Concrete, Abutments & Pier	C.Y.	45			300.00	13,500.00
10	512	Type D Waterproofing Prestressed Concrete Bridge Members B17-48	S.Y.	445			15.00	6,675.00
11	515		Ea.	22			3,200.00	70,400.00
12	516	Elastomeric Bearing Pads Bridge Railing, As Per Plan	Ea.	44			15.00	660.00
13	517	Patching Concrete Structures	L.F.	165			48.00	7,920.00
14	519		S.F.	300			12.00	3,600.00
15	601	Riprap	C.Y.	850			20.00	17,000.00

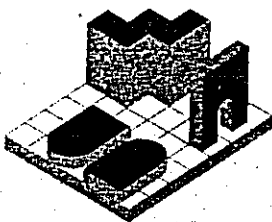
SAVAGE, WALKER AND ASSOCIATES, INC.

10880 Indeco Drive, Cincinnati, Ohio 45241-2959

SHEET 1 OF 2

LOVELAND/MADEIRA ROAD BRIDGE (INH-0154) REPLACEMENT
VILLAGE OF INDIAN HILL
HAMILTON COUNTY, OHIO

David D. Walker
6/22/89



Savage Walker & Associates, Inc.

■ Engineers
■ Surveyors
■ Architects
■ Planners
■ Construction Managers

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FAX (513) 793-7431

June 22, 1989

Mr. Randall F. Howard
Director, Ohio Public
Works Commission
77 South High Street
Suite 1629
Columbus, Ohio 43266

Re: Village of Indian Hill, Ohio
Loveland-Madeira Road Bridge
(INH-0154) Replacement
Useful Life Requirements

Dear Mr. Howard:

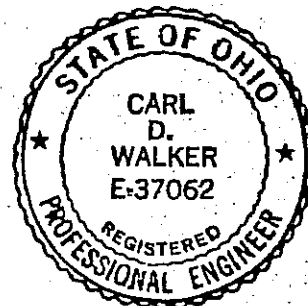
In accordance with Section 164-1-13 of the Ohio Administration Rules for Implementation of Issue 2 Infrastructure Financing Program, I hereby certify that the Loveland-Madeira Road Bridge (INH-0154) Replacement shall be designed in accordance with generally accepted engineering principles and practices within the State of Ohio taking into account the specific climate and other environmental conditions of the infrastructure's site as well as the infrastructure's full, anticipated design use loads. I also certify that the proposed improvements shall be constructed to provide a useful life expectancy in excess of twenty years.

Sincerely,
SAVAGE, WALKER & ASSOC., INC.

Carl D. Walker

Carl D. Walker, P.E.
Village Engineer

CDW/art





County of Hamilton

DONALD C. SCHRAMM, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202

GENERAL INFORMATION (513) 632-8523

PROJECT SELECTION CRITERIA AND PROCEDURE

To fairly select projects for formal submission to the Director of the Ohio Public Works Commission or the Administrator of the Small Government Capital Improvements Commission and to comply with the requirements of Division (B) of Section 164.06 of the Ohio Revised Code by considering each application in light of the specific factors stipulated therein, the District #2 Integrating Committee adopted a numerical point rating procedure developed by a team of registered professional engineers.

All applications for assistance under the State Issue #2 Infrastructure Financing Program were evaluated by a support staff of registered professional engineers in accordance with the adopted rating procedure including on site verification of need and project eligibility. A listing of all projects in order of descending numerical rating was compiled.

Each applicant received notification of the numerical rating of their specific projects and were given opportunity to comment on and question the point values assigned to each factor.

The staff and ultimately the District Committee took into consideration valid comments and questions received. A reassessment was made and where justified, adjustments made in the numerical ratings. A final listing of projects in order of descending numerical rating was compiled. Based on a maximum rating of 115 points; project ratings ranged from a high of 88 points to a low of 43 points.

Beginning with the highest rating, each project was voted on by the Integrating Committee. The final list of recommended projects was determined and finalized when the sum total of infrastructure funds (requested for projects receiving the necessary seven (7) votes for approval) approximately matched the level of infrastructure funds anticipated for the District.

The project herewith attached received a rating of 84.

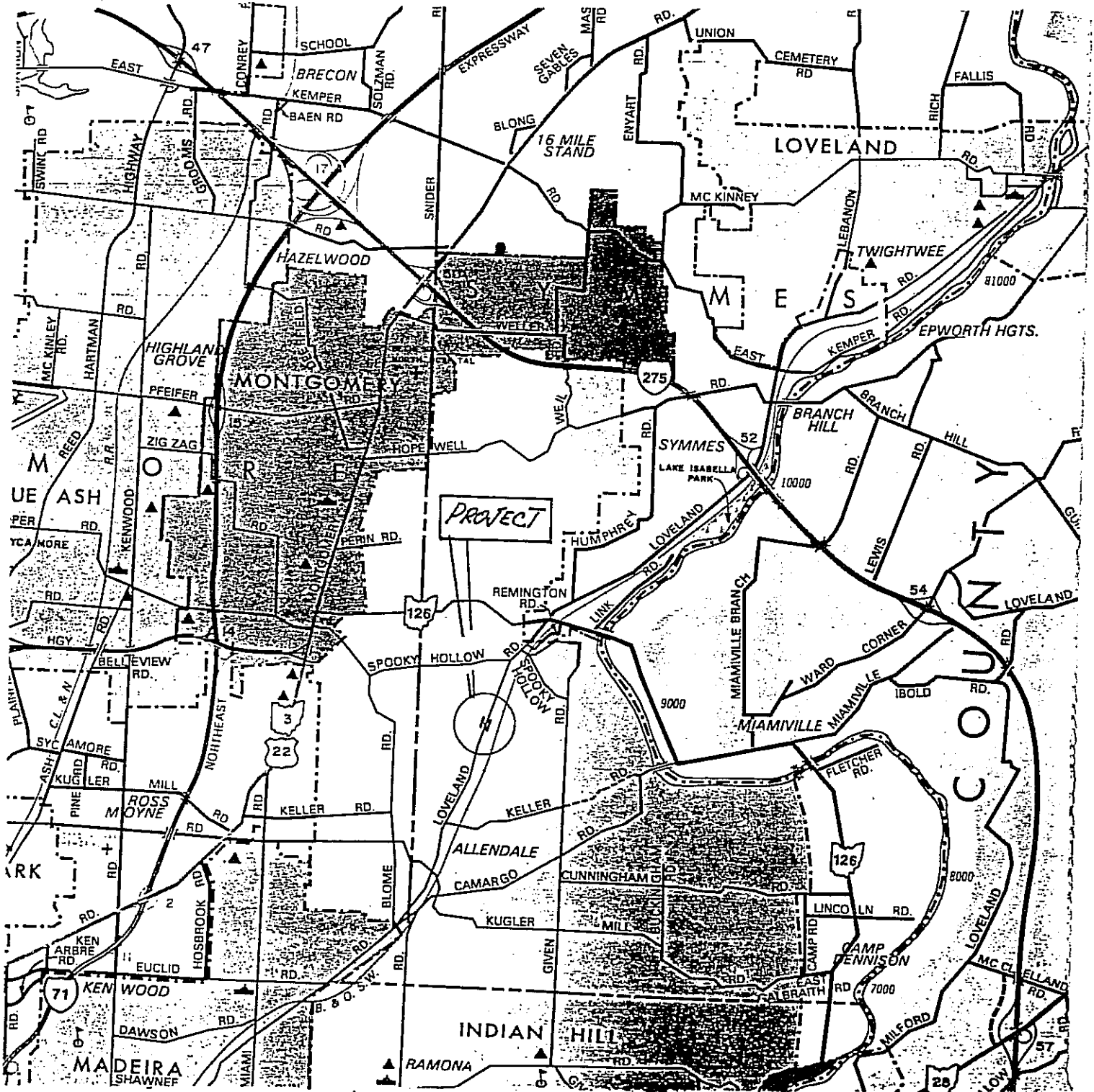
Respectfully submitted,

Donald C. Schramm, Chairman
District #2 Integrating Committee

VILLAGE OF INDIAN HILL, OHIO
LOVELAND-MADEIRA ROAD BRIDGE (INH-0154) REPLACEMENT
ISSUE #2 FUNDING

2.3 LOCATION

0.83 mi. south of SR126, 0.48 mi. south of Spooky Hollow Road and 0.74 north of Keller Road in the Village of Indian Hill over the West Branch of Sycamore Creek, a tributary of the Little Miami River. Serves N.E. Ham. Co., W. Clermont Co. and S.E. Warren Co. (Indian Hill, Loveland, Montgomery, Madeira, Mariemont, Terrace Park, Milford and many unincorporated areas - In excess of 50,000 people over 70 sq. mi.) ADT = 23,000 x 1.2 (I.T.E. Factor) = 27,600

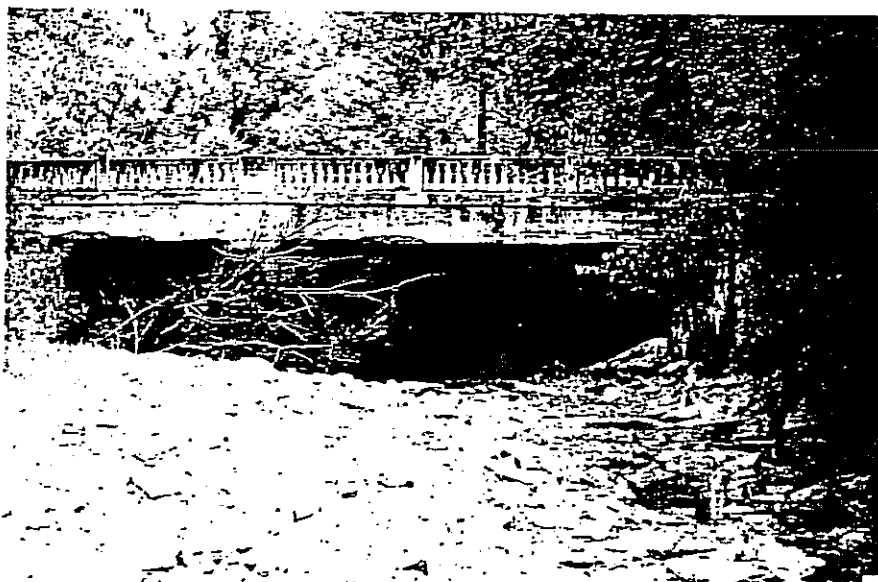




3137503/INH0154 LOVELAND RD

[7909-14A]

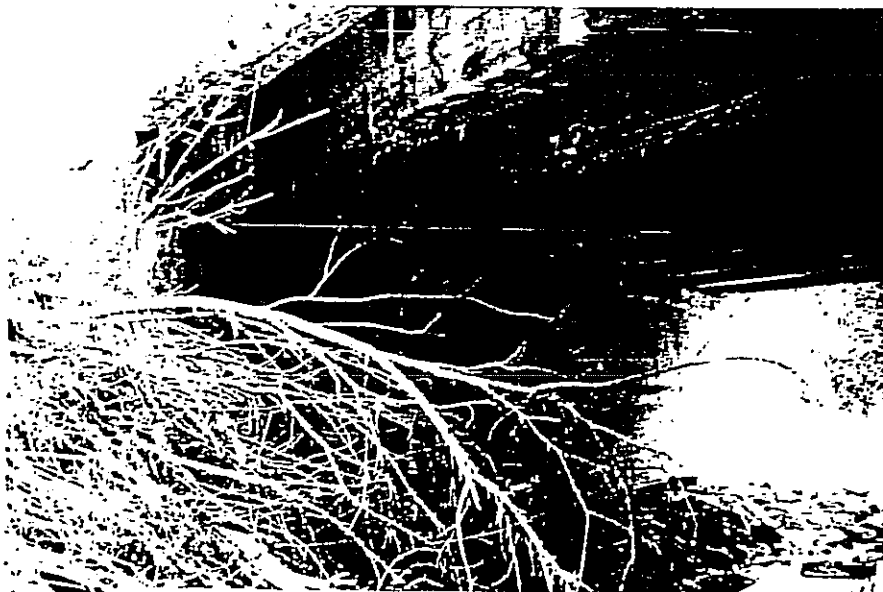
153



3137503/INH0154 LOVELAND RD

[7909-15A]

152



3137503/INH0154 LOVELAND RD

[7909-16A]

154

APPLICATION YEAR: 1989

STATE OF OHIO

INFRASTRUCTURE BOND PROGRAM

DISTRICT 2 HAMILTON COUNTY

PROJECT APPLICATION

Jurisdiction/Agency: Village of Indian Hill Population (1980): 5521

Project Title: Loveland-Madeira Rd. Bridge (INH-0154) Replacement

Project Identification and Location: Loveland-Madeira Rd. between Keller Road and Spooky Hoolow Road. Existing two (2) span reinforced cast-in-place concrete beams and deck with open face concrete railings.

Type of Project: Rehabilitation ☐ Replace ☒ Betterment* ☐

(Mark more than one box if there are expansion elements such as 2 lane bridge being replaced with a 4 lane bridge)

Explanation of Betterment Elements of Project*: N/A

Road ☐ Bridge ☒ Flood Control System (Stormwater) ☐ Water Supply Systems ☐Solid Waste Disposal Facilities ☐ Waste Water Treatment Systems ☐Storm Water and Sanitary Collection Storage & Treatment Facilities ☐

Detailed Description of Project**: Removal of existing beams, deck and railings and replace with prestressed concrete box beams and railings. Repair/remodel existing abutments and pier caps as required for placement of the deck beams.

Repave surface with asphalt concrete to meet existing asphalt pavement (bridge limits only). Repair of related appurtenances to the deck and substructure.

Type of Issue 2 Funds: District 2 ☒ Small Government ☐Water/Sewer Rotary ☐ Emergency ☐

* See definition of Betterment attached.

**Attach additional sheets if necessary.

1. Is this a roadway, bridge, or stormwater project? Bridge
2. If State Issue 2 funds are awarded, how soon would the opening of bids occur after project approval?
 - Explain in definite statements and dates the adequacy of the planning for the project and the readiness of the applicant to proceed should the project be approved. As a minimum list, the LENGTHS OF TIME to complete the following:
 - a) Selection of Consultant (if applicable). Completed
 - b) Preliminary development or engineering. Completed
 - c) The preparation of detailed construction plans. 90 days
 - d) Right of Way acquisition (if applicable). None Anticipated
(Please note that right of way acquisition is a time consuming process).
 - e) Utility coordination None Anticipated but if needed can be resolved during construction plan phase.
3. Using averages where necessary, what is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.
 - Include a brief statement of condition and deficiencies of the present facility such as: inadequate superstructure (bridge), surface type and width, structural condition of surface, berm width, grades, curves, sight distances, drainage structures, sanitary sewers. When condition is not accurately ascertainable, use age of facility. List the age of the infrastructure to be repaired or replaced using one of the following categories: less than 20 years, 20-29 years, 30-39 years, 40-49 years, 50 years or older Bridge was built in 1921 (67 yrs.). It is 82 feet in length, 44 feet in width, 40 degree skew, 2 lane (12 ft. ea.) with 8 foot wide asphalt berms and concrete railings. Four (4) core samples have been taken and tested and show severe deterioration. Reinforcing steel is exposed and rusted and the concrete is spalling. The alignment of the road is straight & level. (over)
4. How will the proposed infrastructure activity impact the general health and welfare of the service area, including convenience and quality of life?
 - Discuss the following items pertaining to the project (before and after the completion of the project) as thoroughly as possible.
 - a) Emergency response time - for example, are vehicles currently required to use alternate routes delaying emergency response time? Traffic is currently using the bridge (23,000 ADT) but may have to have load limit reduced which could cause some traffic to detour. The bridge was scheduled for repairs but was determined to be structurally deficient. Therefore, additional funding is being sought to replace the structure as soon as possible so that a reduction in use and (over) time
 - b) Detour characteristics - for example, are the alternate routes adequate to handle the additional traffic and loads of a detour?
Alternate routes are available and considered adequate.

3. The bridge is in poor condition.

4. length of time will be minimal.

c) Additional User Costs - The additional distance and time for the users to travel the detour or alternate routes. Any increase in user cost and travel time to detour would be insignificant.

d) Adverse impact on adjacent businesses - How does the existing detour or the proposed project have any impact on the adjacent businesses?

There are no businesses and very limited residences on this section of Loveland-Madeira Road. No adverse impact is contemplated on detour routes either.

5. Are matching funds available? (i.e. Federal, State, MRF, Local, etc.) To what extent of anticipated construction cost?

■ List the type and amount of funds being supplied by the local agency. This amount may be from local, Federal, State, Municipal Road Fund (MRF), or other sources. Explain additional funding through other sources being applied for or received for the project. Also, explain any need to accumulate funds for construction at a later date. Complete LOCAL FUNDING SOURCES on Page 5.

■ The local agency shall supply a minimum of 10% of the anticipated construction cost. Additionally, the local agency shall pay for all costs of engineering, inspection of construction, right of way, and the betterment portion of the project. Complete ESTIMATED COST OF PROJECT, on Page 5.

6. How will the proposed infrastructure activity impact the public's safety?

■ Include a brief statement indicating how the activity will impact the public safety. For example, will the activity reduce the number of accidents? Accident records should be attached where applicable. List whether an existing bridge is functionally obsolete or structurally deficient (This information may be obtained from City, County or State where applicable); or will the addition or improvement of storm sewers reduce accidents on a roadway or bridge. The bridge replacement will ensure existing and future live load requirements, public safety and convenience as a primary throughfare, and serve all surrounding communities and be a benefit to all surrounding communities as such. The existing bridge is structurally deficient to serve the above requirements.

7. Has any formal action by a federal, state, or local government agency resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure?

■ Are there any roads or streets within the proposed project limits that have weight limits (partial ban) or truck restrictions (complete ban)? Have any bridges had weight limits imposed on them (partial ban) or truck prohibitions (complete ban)? Have the issuance of new Building permits been limited (partial ban) or halted (complete ban) because the existing storm/sanitary sewer or water supply system in a particular area is inadequate? Document with specific information explaining what type of ban currently exists and the agency that imposed the ban.

No

8. What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as households, traffic count, daily users, etc., and equate to an equal measurement of users.

■ For roads and bridges, compute current Average Daily Traffic and multiply by 1.2 occupants per car (I.T.E. estimated conversion factor) to determine users per day. Documentation should include recent traffic counts. Where the facility currently has any restrictions or is partially closed, use traffic counts prior to restriction. For storm sewers, determine the approximate number of residents within the area drained by the storm sewer under consideration.

1985 ADT (Ham. Co.) = 22,000 1988 ADT (Adjusted) = 23,000

Daily users 23,000 x 1.2 (I.T.E. Factor) = 27,600

9. Does the project have regional impact? (How many jurisdictions will be served or will benefit from this project?)

■ Determine how many jurisdictions will significantly benefit from the project. Try to determine the service area of the project, using destination studies and other methods of documentation as available. This project would have a regional impact serving northeastern Hamilton County, western Clermont County and southeastern Warren County. This route has a direct effect on the City of Loveland, Montgomery, Madeira, Mariemont, Terrace Park and Milford including numerous unincorporated areas of the three (3) counties listed above.

10. The applicant has conducted a study of its existing capital improvements and their conditions. A five year overall Capital Improvement Plan (that shall be updated annually) is attached or on file with the District 2 Integrating Committee for the current year or shall be submitted by March 31 of the program year. The Plan shall include the following:

- a) An inventory of existing capital improvements,
- b) A plan that details capital improvements needs during the next five years and,
- c) A list of the political subdivision's priorities in addressing these needs.

The attached Form 1 shall be completed for those projects which are being submitted for Issue 2 funds.

11.) PROJECT SCHEDULE

<u>ACTIVITY</u>	<u>TARGET DATE</u>
Consultant Selection (if applicable)	(12-1-88) Completed
Preliminary Engineering Completed	(12-1-88) Completed
Detailed Plans Completed	(2-01-88) 90 Days
Right-Of-Way Acquired (if applicable)	(12-1-88) None Anticipated
Contract Let	(3-01-89) 30 Days
Construction Completed	(7-01-89) 120 Days

12.) ESTIMATED COST OF PROJECT

<u>ACTIVITY</u>	<u>ISSUE 2 FUNDS</u>	<u>LOCAL FUNDS</u>
Planning, Design, Engineering	(100% Local)	\$ 115,000 ¹
Right-Of-Way/Real Property	(100% Local)	\$ N/A
Inspection of Construction	(100% Local)	\$ 10,000
Construction and Contingencies	\$ 100,000	\$ 100,000
Betterment Portion	(100% Local)	\$ N/A
Subtotal	\$ 100,000	\$ 125,000 ¹ **
Grand Total (Issue 2 Funds Plus Local Funds).....		\$ 225,000 ¹

LOCAL FUNDING SOURCES

Municipal Road Fund (MRF)	\$ 0
State Fuel & License Funds	\$ 0
Local Road Taxes	\$ 0
Local Bond or Operating Funds	\$ 125,000
Misc. Funds (Specify) _____	\$ 0
Total Local Funds	\$ 125,000 ¹ **

¹ Does Not Include Approx. \$10,000 Already Spent for Preliminary Engineering.

** These numbers must be identical

CAPITAL IMPROVEMENT PLAN (Attach to CIP Issue 2 Funds only)

LOCAL ABILITY TO PAY

- A. Previous Capital Budget Expenditures (Circle One) For Infrastructure Projects*
Appropriations

1985 \$ 727,100

1986 \$ 877,300

1987 \$ 841,500

~~As % of Total
Resources~~

~~%~~

~~%~~

~~%~~

- B. Projected Capital Expenditures (Same as "A") For Infrastructure Projects*
Appropriations

1988 \$ 893,000

1989 \$ 1,312,000

1990 \$ 880,000

~~As % of Total
Resources~~

~~%~~

~~%~~

~~%~~

Briefly explain any significant reduction (10% or more) in projected expenditures or appropriations for 1988-90 as compared to actual expenditures or appropriations for previous years. (It is the intent of Issue 2 to SUPPLEMENT local capital funds, not REPLACE them.)

* Use only funds expended or appropriated for construction CONTRACTS.

14.) AUTHORIZATION

The applicant hereby affirms that local funds will be provided if this project is selected.

Note: Attach with application
any photographs, reports, plans or
other available data on the
project.

Village of Indian Hill

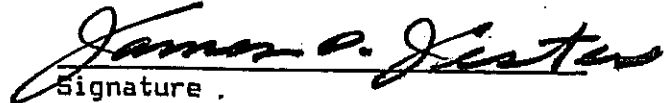
6525 Drake Road

Cincinnati, Ohio 45243

Address

(513) 561-6500

Phone (Work)


Signature

James D. Jester

Name

City Manager

Position

Village of Indian Hill

Local Jurisdiction/Agency

STATE OF OHIO - DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE INSPECTION REPORT

BR-88 REV 01-77

3 1 3 7 5 0 3
STRUCTURE FILE NUMBER 7

BRIDGE NUMBER HAM S0295 0154
CO ROUTE UNIT

MUNI= 1910 2900
YEAR BUILT

DISTRICT 08 BRIDGE TYPE 122 TYPE SERVICE 1 15 NORTH FORK SYCAMORE CREEK HAM

DECK		TYPE	COND	2. WEARING SURFACE		TYPE	COND
1. FLOOR	1 8	1	3	2	56	2	2
3. CURBS & WALKWAYS	1 10	1	2	4. MEDIAN	58		
5. RAILING	1 12	1	4	6. DRAINAGE	G 59	0	2
7. EXPANSION JOINTS	4 14	4	2	8. SUMMARY	61		5
SUPERSTRUCTURE				8. SUMMARY			
9. ALIGNMENT	16			10. BEAMS or GIRDERS	4 62	4	4
11. DIAPHRAGMS or CROSSFRAMES	17			12. JOIST	54		
13. FLOOR BEAMS	18			14. FLOOR BEAM CONNECTIONS	65		
15. VERTICALS	19			16. DIAGONALS	66		
17. END POST	20			18. TOP CHORD	67		
19. LOWER CHORD	21			20. LOWER LATERAL BRACING	68		
21. TOP LATERAL BRACING	22			22. SWAY BRACING	69		
23. PORTALS	23			24. BEARINGS	5 70	5	2
25. ARCH	24			26. ARCH COLUMNS or HANGERS	72		
27. SPANDRAL WALLS	25			28. SUSPENSION SYSTEM	73		
29. SUSPENDERS	26			30. TOWERS	74		
31. BENT POST	27			32. ANCHORAGE	75		
33. BRIDGE MACHINERY	28			34. PAINT	76		
35. LIVE LOAD RESPONSE	29	S		36. SUMMARY	79		4
SUBSTRUCTURE				36. SUMMARY			
37. ABUTMENTS	1 2 / 1 30	MAT 2	1 3	38. ABUTMENT SEATS	80		3
39. PIERS	2 / 1 33	2	1 3	40. PIER SEATS	81		3
41. BACKWALLS	36			42. WINGWALLS	82		2
43. FENDERS & DOLPHINS	37			44. SUMMARY	83		5
CULVERTS				44. SUMMARY			
45. GENERAL	38			46. ALIGNMENT	84		
47. HEADWALLS or END WALLS	40			48. SUMMARY	85		
CHANNEL				48. SUMMARY			
49. ALIGNMENT	42	2		50. PROTECTION	2 86	2	2
51. WATERWAY ADEQUACY	43	1		52. SUMMARY	88		7
APPROACHES				52. SUMMARY			
53. PAVEMENT	44	2	2	54. ALIGNMENT	89		1

Maintenance Responsibility, Item 65-Vertical Clearance and Item 69-Survey.

- 1 Good Condition - No repair required
- 2 Fair Condition - Minor deficiency, item still functioning as designed.
- 3 Poor Condition - Major deficiency, item in need of repair to continue functioning as designed.
- 4 Critical Condition - Item no longer functioning as designed.

The following codes shall be used to summarize the condition of all Summary Items (8, 36, 44, 48, 52 & 60) and the General Appraisal Item 66:

- 9 New Condition
- 8 Good condition - no repairs needed
- 7 Generally good condition - potential exists for minor maintenance
- 6 Fair condition - potential exists for major maintenance
- 5 Generally fair condition - potential exists for minor rehabilitation
- 4 Marginal condition - potential exists for major rehabilitation
- 3 Poor condition - repair or rehabilitation required immediately
- 2 Critical condition - the need for repair or rehabilitation is urgent.
Facility should be closed, or closely monitored, until the indicated repair is complete.
- 1 Critical condition - facility is closed. Study should determine the feasibility for repair.
- 0 Critical condition - facility is closed and is beyond repair.

The condition coding system used for the Summary Items and the General Appraisal was developed by the Federal Highway Administration and is being used by all agencies across the United States. The 1-4 Individual Item condition code was developed by the State prior to the Federal code. There is no correlation between the two codes, however, a general comparison may be made as follows:

<u>Individual Items</u>	<u>Summary and General Appraisal Items</u>
1 Good	9 New 8 Good 7 Generally Good
2 Fair	6 Fair 5 Generally Fair
3 Poor	4 Marginal 3 Poor
4 Critical	2 Critical 1 Critical 0 Critical